416-136(R.)

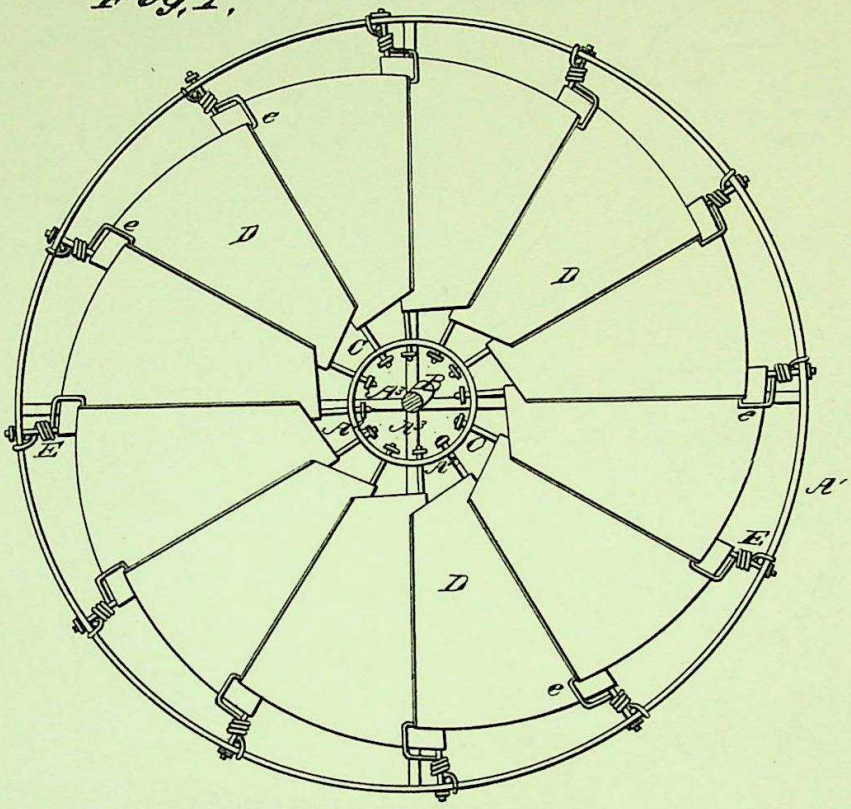
EXAMINER.

M. C. YOUNG.

WIND-MILL.

No. 183,740. Patented Oct. 24, 1876.

Fig. 1.



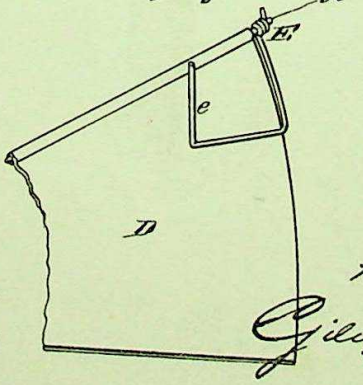
183,740. WINDMILLS. Michael C. Young, El Paso, Ill. [Filed June 24, 1876.]

Brief.—The blades or wings are pivoted by one edge to radial bars, in the usual manner. The springs, which operate to force the blades down by pressing on the back thereof, are wound around the arms or rods, and attached to the rim. Each of these springs is also provided with an arm, which stands at right angles to the blade, against which the spring presses.

1. The combination of rod C with blade D and spring E, provided with extension or arm *e*, substantially as set forth.

2. A series of blades, D, in combination with springs E and extensions *e*, whereby all the blades are held partly open at all times, and all the springs re-enforce one another, substantially as set forth.

Fig. 2.



WITNESSES

C. R. Searle

C. H. Bates

INVENTOR,

Michael C. Young.

Gilmore, Smith & Co.

ATTORNEYS.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.